

# COUNTY ROAD ADMINISTRATION BOARD

JOHN KOSTER, EXECUTIVE DIRECTOR

## CRAB QUARTERLY REPORT

Issue 34

August 2020

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## THE CRABOARD CONGRATULATES JIM OYLER ON HIS RETIREMENT FROM CRAB

The CRABoard congratulated Jim Oyler on his pending retirement after 20 years of service to the County Road Administration Board.



Jim has dedicated his life to public service, first as a Sergeant First Class (Retired) in the United States Army, and since September 2000 as the Web and Training Strategist for CRAB. He has guided us through numerous organizational changes, implemented new technologies, and trained and/or supported hundreds, if not thousands, of county personnel. His commitment to excellence, professionalism, and positivity has contributed to the culture of CRAB and made a lasting impact on those around him.

Always with an adventurous spirit, Jim enjoys mountaineering, marksmanship, golfing, camping, and delicious BBQ!

We invite CRAB and county staff, friends and family to join us as we wish him the best in his retirement and a fond farewell on Monday, September 14 from 1:30 to 3:00 pm in the CRAB Board Room.

Thanks Jim!



## JULY 2020 CRABOARD MEETING

In accordance with Thurston County's Phase 3 level in Safe Start Washington, the CRABoard held their quarterly Board Meeting via Zoom and with limited in-person participation on Thursday, July 30, 2020.

### CRABoard Positions

Spokane County Commissioner Al French, Grays Harbor Commissioner Randy Ross, and Garfield County Engineer Grant Morgan were reappointed to the CRABoard for three-year terms expiring June 30, 2023.

Staff Contact: Karen Pendleton [Karen@crab.wa.gov](mailto:Karen@crab.wa.gov)

### CRABoard Elections

The Board elected the following members to serve as officers for the next year:

- Chair: Brian Stacy, PE, Pierce County Engineer
- Vice Chair: Rob Coffman, Lincoln County Commissioner
- Second Vice Chair: Lisa Janicki, Skagit County Commissioner

Staff Contact: Karen Pendleton [Karen@crab.wa.gov](mailto:Karen@crab.wa.gov)

### Congratulations Drew Woods on his Appointment to Deputy Director

The CRABoard congratulated Drew Woods, PE, as the new Deputy Director effective July 1. Drew joined CRAB on June 18, 2018 as the Compliance and Data Analysis Manager. Prior to that, he served as a member of the County Road Administration Board while Public Works Director/County Engineer for Columbia County.



**CRABoard Welcomed New Staff Members – Donna Quach and Nolen Young**

Donna Quach joined CRAB on June 16 as the new Lead Application Developer.

Prior to this, she attended the University of Florida and obtained her Doctor of Pharmacy degree. After graduation, she relocated to the Olympia area and worked in community pharmacy. Donna decided to further her education by enrolling at South Puget Sound Community College. Shortly after joining CRAB, she obtained her Associate in Applied Science

degree in Computer Programming from SPSCC. Since then, Donna has been actively involved in projects such as CARS, RAP Online, and GIS-Mo. In her spare time, Donna enjoys spending time with her family, going to the beach, and taking pictures of beautiful wildflowers and nature.

Nolen Young joined CRAB on August 17. He will be working with Jim Oyler in preparation for taking over as Web and Training Strategist following Jim's retirement in September.



Nolen is an Olympia native who graduated from Washington State University in May 2020 with a degree in computer science. Software development and computer science as a topic have been interests of his since high school, which led him to take robotics and coding classes. While in the computer science program at the Voiland College of Engineering and Architecture at WSU, he discovered new topics he wants to continue to explore in the future. He loves to work with computers and to code (some of the time, anyway!), and is looking forward to his progression as a computer scientist.

Nolen's free time is spent appreciating and making music. He likes all kinds of art, but has always been very focused on music as a medium. In college he began to DJ social events, which quickly became his main hobby. He eventually began to write, produce, mix, and master his own music.

Welcome Donna and Nolen!

**CRABoard Actions**

The CRABoard approved Resolution 2020-005 Certify the Master Road Log and Resolution 2020-006 Regarding Roadway Categories and Unit Costs for the 2020 and 2021 County Fuel Tax Distribution. *Staff Contact:* Mike Clark [mike@crab.wa.gov](mailto:mike@crab.wa.gov)

The CRABoard also approved Resolution 2020-007 Apportion RATA Revenues to Regions.

*Staff Contacts:* Randy Hart, P.E. [Randy@crab.wa.gov](mailto:Randy@crab.wa.gov)  
or Steve Johnson, P.E. [steve.johnson@crab.wa.gov](mailto:steve.johnson@crab.wa.gov)

**County Engineer/PWD Changes**

Staff reported the following changes:

- Asotin County entered into an agreement with TranTech Engineering to retain Walt Olsen, PE as Interim County Engineer
- Grant County appointed Keith Elefson, PE as County Engineer
- Kitsap County appointed Joe Rutan, PE, as County Engineer
- Pacific County appointed Brian Vincent, PE as County Engineer/Public Works Director
- Josh Frederickson will begin as Kittitas County Engineer on September 15. Mark Cook, P.E. will continue as Acting County Engineer until then.

*Staff Contact:* Drew Woods, PE [drew@crab.wa.gov](mailto:drew@crab.wa.gov)

**Summary of State Auditor's Reports Findings**

Staff reviewed eight audit reports representing seven counties since the April 2020 board meeting. An audit of Chelan County contained a fraud finding issued against the Sheriff's Office but did not involve County Road or ER&R funds. An audit of Douglas County contained a management letter which involved County Road or ER&R funds, which necessitated CRAB staff follow-up.

*Staff Contact:* Drew Woods, PE [drew@crab.wa.gov](mailto:drew@crab.wa.gov)

**RAP Project Actions by CRAB Staff since April 2020:**

- Whatcom County requested a combination of two East Smith Road projects. These projects are both 2R, with a common terminus. The county had been designing them concurrently, and decided to advertise and construct these projects as a single package in order to minimize impacts to the traveling public and more efficiently repair the road.
- Clallam County requested a scope change for their Laird Road 2R project, to extend the project to a total length of 0.80 miles. During project design, the county determined that the road surface was in poor condition beyond the original limits of the project, and therefore decided to repair the entire limits of the deteriorated surfacing.

The county is not requesting additional RATA. Since the project is 2R, the additional length did not change the overall project rating score, and therefore did not alter the project's position in the funding array.

- Island County's Boon Road 3R project has been completed. The estimated \$3 million project came in under estimate, which will allow a RATA fund turnback of approximately \$250,000. While reviewing final paperwork for the project, county staff discovered an accounting issue that resulted in over-billing CRAB for RATA funds. Indirect overhead costs were charged on top of labor and consultant work performed on the project. After several discussions with CRAB, Island County will be reviewing their accounting and removing those indirect expenses, which is expected to result in an additional payback of RATA funds.
- Asotin County advertised the Snake River Road reconstruction project in April this year. The engineer's estimate was approximately \$2 million for construction, but the low bid came in at over \$2.5 million. Asotin County is unable to cover this additional cost, and contacted CRAB staff to discuss the potential for an increase in RATA funding for the project. However, the situation did not meet the requirements for an increase of funds (WAC 136-165) and therefore staff could not support the increase request.

The county will reject bids and prepare several changes to the design that are expected to reduce the construction costs. The changes relate to the design and construction of structural walls and will not modify the scope of the project as described in the CRAB contract.

Staff Contacts: Randy Hart, P.E. [Randy@crab.wa.gov](mailto:Randy@crab.wa.gov) or Steve Johnson, P.E. [steve.johnson@crab.wa.gov](mailto:steve.johnson@crab.wa.gov)

### **Regional Meetings Update**

Regional meetings were held in May and July. Topics covered include funding and project status for the RAP program, and RAP balance impacts and forecasts based on the pandemic shutdowns. CAPP reporting was also reviewed briefly, discussing several trends demonstrated on the CRAB website.

2021-2023 biennial funding estimates for RAP and CAPP have been reduced due to the shutdown and expected legislative budget actions. Final Prospectuses will remain due on September 1, 2020.

Several changes to existing project evaluation processes were discussed. The NE and SE regions are considering additional coring data that may be worth scoring for 3R BST roads. The NW region is considering allowing bridge projects to compete.

At the meetings, Mr. Woods provided an overview of compliance issues and presented a spreadsheet that helps document MVFT distributions, and can be used to forecast impacts due to the shutdown.

Staff Contacts: Randy Hart, P.E. [Randy@crab.wa.gov](mailto:Randy@crab.wa.gov) or Steve Johnson, P.E. [steve.johnson@crab.wa.gov](mailto:steve.johnson@crab.wa.gov)



**Next CRABoard Meeting**

The CRABoard's next meeting will be held virtually and at the CRAB Offices on October 29-30, 2020. Meeting agendas are posted five days prior to the next CRABoard meeting. Current materials as well as past agendas and meeting minutes can be found at: <http://www.crab.wa.gov/crab/meetings.cfm>

Staff Contact: Karen Pendleton [Karen@crab.wa.gov](mailto:Karen@crab.wa.gov)

**CONGRATULATIONS PAUL RANDALL-GRUTTER, PE, RECIPIENT OF THE 2020 ENGINEER OF THE YEAR AWARD**

Traditionally the Engineer of the Year award is presented at the WSACE Summer Conference in June. Due to the cancellation of the 2020 conference, this award presentation was delayed.

John Koster and Drew Woods travelled to Skagit County on August 4 to present the WSACE County Engineer of the Year Award to Paul Randall-Grutter, PE.



According to Skagit County Public Works Director Dan Berentson, Paul plays an important role in how the county maintains and preserves 800 miles of county roads and more than 100 bridges in unincorporated Skagit County. He has served in this position for more than a decade and has brought a high level of professionalism to public works.

Some of the projects completed under Paul's

guidance were the Burlington Northern Overpass north of Burlington, a new ferry terminal building in Anacortes, a new round-about at Conway, and an award-winning fish passage project at Illabot Creek, in coordination with tribal partners.

As a professional engineer, Paul received his Bachelor of Science degree from the Oregon Institute of Technology, where he also played tight end on the "Hustlin' Owls" football team. An Oregon native, he has worked professionally in Oregon, Alaska, and Washington.

Paul recently served as President of the Washington Association of County Engineers and serves on a number of committees of the National Association of County Engineers. In 2015, he completed the Public Works Leadership Fellow and Public Works

Manager programs through the American Public Works Association Donald C. Stone Center for Leadership in Public Works.

Paul has also performed volunteer work for Engineers Without Borders, traveling to Guatemala and Ghana to serve as an onsite engineer.

## **CONGRATULATIONS SHANNON CHRISTEN, RECIPIENT OF THE WSACE PROGRAM/PROJECT MANAGER OF THE YEAR AWARD**

On July 21, Drew was honored to present Shannon Christen from Benton County with the Program/Project Manager of the Year Award. During a meeting of the Benton County Commissioners, Drew virtually assisted Matt Rasmussen in presenting Shannon with a plaque in recognition of her great work in 2019.



During that year, Shannon oversaw the contracts for over 50 construction and maintenance projects, 10 major equipment purchases and 31 service contracts. In total, she has overseen the expenditure of over \$27 million. Notable projects Shannon managed contracts for were:

- Chip Seal maintenance for County Road BST Area 3 - \$1,345,000
- Rock Crushing for multiple County stock pile locations - \$1,065,000
- Construction of the new Public Services Building, which now houses the Public Works, Planning and Building Departments in a single location - \$13,626,417
- Replacement of the kitchen equipment in the Benton County Jail - \$450,000
- Design and construction bidding for the New Administration Building project - \$13,626,417
- Construction of the plumbing repair and water intrusion prevention in the Benton County Jail - \$2,681,502

Staff Contact: Drew Woods, PE [drew@crab.wa.gov](mailto:drew@crab.wa.gov)



## TRAINING

### CRAB Training Schedule August 1 – October 31, 2020

All future classes are tentatively planned to be held in person, but may switch to Zoom due to Covid-19 or other restrictions.

Date	Class	Location
August 4-5	GIS_Mo	Zoom
August 25-26	GIS_Mo	Zoom
September 2-3	GIS_Mo	CRAB Office
October 20-21	GIS_Mo	CRAB Office

Staff Contacts: Brian Bailey [brian.bailey@crab.wa.gov](mailto:brian.bailey@crab.wa.gov); Mike Clark [mike.clark@crab.wa.gov](mailto:mike.clark@crab.wa.gov)

## INFORMATION SERVICES UPDATE

CRAB is excited to have two new additions to the team! Donna Quach joins us as our Lead Application Developer for GIS-Mo, CARS, RAP Online, etc. We also welcome Nolen Young, our successor to Jim Oyler as Web and Training Strategist. Both Donna and Nolen bring outstanding technical skills and enthusiasm to CRAB and the Washington State Counties.

CRAB's migration to the WaTech *Private Cloud* has been successfully completed. This endeavor was led by Scott Campbell, CRAB Systems Security Specialist. It took a team of experts from CRAB, WaTech, and OCIO approximately eighteen months to complete. The project was complicated by our unique network configuration, making this implementation a first of its kind. The lessons learned from our project will contribute to other agencies' migration efforts in the future. Within the first month of cloud operations, Scott was able to "right-size" CRAB's server resources to cut costs by approximately 35%.



GIS-Mo, the Mobility© replacement project, continues to proceed on schedule. Per the conditions of the Office of Cybersecurity Security Design Review, integration of VUEWorks and Secure Access Washington (SAW) is required. DTS, LLC and WaTech completed development and testing of this integration, which was demonstrated to CRAB July 29. CRAB will continue to work with vendors, counties, staff, and other key stakeholders to implement a spatial asset management system with mobile capabilities for roadways and roadway assets by 2021 (<http://www.crab.wa.gov/gis-mo>). To stay informed, GIS-Mo monthly QA and Project Management (PM) status reports will be available on the OCIO IT Project Dashboard <http://waocio.force.com/>.

Staff Contact: Eric Hagenlock [Eric@crab.wa.gov](mailto:Eric@crab.wa.gov), (360) 350-6088, <https://www.crab.wa.gov/HelpDesk-Public/>

## DESIGN AND UAS SYSTEMS UPDATE

### Design Systems training in a COVID-19 World

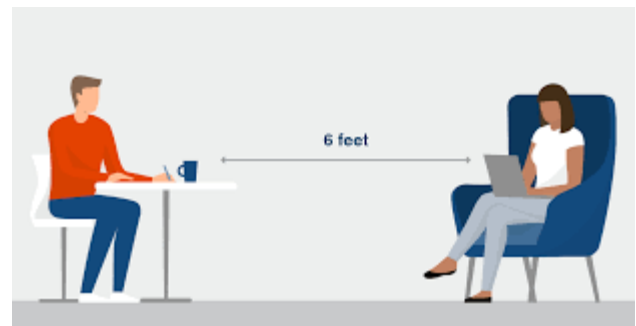
2020 has been a difficult year for training at CRAB. Since March, most of CRAB's training has been canceled or postponed, leaving a vacuum of training during this time. Budgets are facing shortfalls that will further exacerbate the lack of training for the counties. The outbreak of the COVID-19 pandemic has led to an obvious need for distance or virtual learning. We at CRAB are pleased to announce that we have been awarded a grant from the Washington Traffic Safety Commission to implement *The Pinnacle Series* by Eagle Point Software as our on-line Learning Management System (LMS). Our training portal will be accessible in October of 2020.



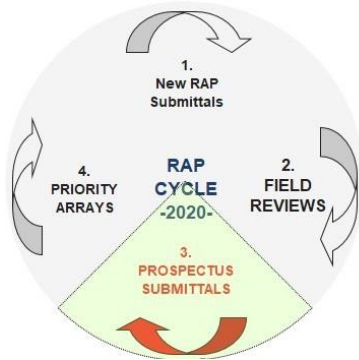
Why the Pinnacle Series? It was developed by Eagle Point Software, who previously developed design systems software for AEC projects. The Pinnacle Series has remained AEC centric and has been the most awarded productivity platform in Architecture, Engineering and Construction (AEC) related software. This learning management system will provide a single platform to distribute training material to all 39 counties, allowing more consistency in the training material and, as a result, more consistency and accuracy in the development and recording of the data that counties are required to report. Training can be accessed by a user of any skill level, at any time and in any location. The Pinnacle Series has an impressive array of features to provide continuous learning, customizing and reporting. It also combines several different paths to learning, including eLearning and live training integration, documented help files and remote control support. The Pinnacle Series will also allow access for unlimited users of custom content that will be developed by CRAB and specific to Washington State and CRAB's mission. An added benefit of LMS is the reduction of time and travel to acquire needed training, providing some budget savings for the counties.

The implementation of The Pinnacle Series is not the end of in-person training at CRAB! We will continue to offer in person training on a smaller scale, with a maximum of six students per class. If COVID-19 restrictions are relaxed in the future, we plan to return to our normal class size of 10-12 participants. It is our intent at CRAB to provide a safe environment for county staff to maintain social distancing. In-person training will be scheduled and tracked within the new training portal.

Staff Contact: Brian Bailey [brian.bailey@crab.wa.gov](mailto:brian.bailey@crab.wa.gov)

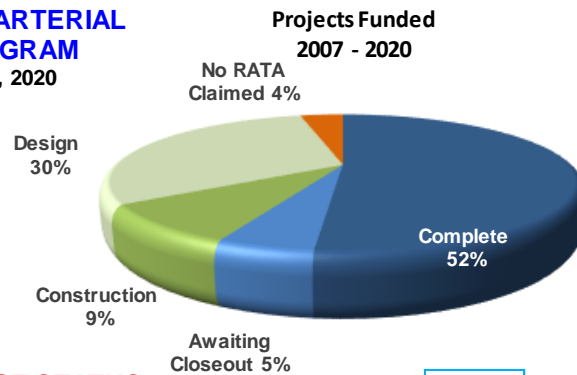


# RURAL ARTERIAL TRUST ACCOUNT (RATA) ACTIVITY AND BALANCE SUMMARY



## RURAL ARTERIAL PROGRAM

July, 2020



## PROJECT STATUS:

Billing Phase	'83-'07	'07-'09	'09-'11	'11-'13	'13-'15	'15-'17	'17-'19	Current Biennium '19-'21	TOTAL
Completed	958	43	35	2	35	15	6		1094
Awaiting Closeout		1	1		8	2	1	1	14
Some RATA paid	1		4		7	26	32	35	105
No RATA Paid							3	7	10
<b>TOTAL</b>	959	44	40	2	50	43	42	43	1223

## FUND STATUS:

### Anticipated Revenue to end of '19 - '21 Biennium:

Fuel tax receipts and interest through June, 2019	607,140,559
<b>Estimated</b> fuel tax receipts, interest and <b>CW Transfers</b> July 2019 thru June 2021	42,398,900
Total estimated revenue	<b>649,539,459</b>

### RAP Expenditures to date:

To Completed Projects	550,861,702
To Projects in Design or Under Construction	45,885,584
Administration	12,491,065
Total RATA spent	<b>609,238,351</b>

### RAP Obligations:

RATA Balance on Active Projects	106,440,653
RATA \$ yet to allocate to Partially funded projects -	31,678,338
Requests for reimbursement - pending	1,059,318
Estimated remaining administration through 2019- 2021 biennium	518,729
Total RATA obligated	<b>139,697,038</b>

## QTR 2 - 2020 RATA ACTIVITY:

REVENUE MONTH	BEGINNING BALANCE	MVFT REVENUE	INTEREST + Cash Rcpts	PROJECT PAYMENTS	#	ADMIN CHARGES	ENDING BALANCE
April	\$19,349,085.91	1,506,821.98	\$27,210.46	(1,613,874.21)	32	(59,229.16)	\$19,210,014.98
May	\$19,210,014.98	\$933,155.16	\$26,898.60	(1,582,072.23)	28	(58,965.58)	\$18,529,030.93
June	\$18,529,030.93	\$1,043,760.26	\$21,893.13	(768,164.22)	33	(63,365.85)	\$18,763,154.25
<b>TOTALS:</b>		\$3,483,737.40	\$76,002.19	(3,964,110.66)	93	(181,560.59)	

Staff Contacts: Randy Hart, P.E. [Randy@crab.wa.gov](mailto:Randy@crab.wa.gov) or Steve Johnson, P.E. [steve.johnson@crab.wa.gov](mailto:steve.johnson@crab.wa.gov)